

Tax ID -03311384

approved 12-17-86
J. Stayer

PERMIT

P 38224
A 36279

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

XXX 992-2330 XX
461-9933

INDEXED ✓

ELLICOTT CITY

DISTRICT 3rd

DATE 12/4/86

Dave Hopkins

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Clover Hill ROAD 12587 Clover Hill Lane LOT 3

PROPERTY OWNER Mortensen

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place 1st trench 70 feet down the 359.56' (right) lot line from the juncture of the 263.82' and 359.56' lot corner, and 140 feet off the right lot line as seen when facing property from Clover Hill Drive. Run trenches along contour towards back (237.87') lot line.

NOTE - MAKE SURE TO MAINTAIN A MINIMUM 100 FEET DISTANCE BETWEEN THE WELL AND SEPTIC. - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

BLDG. PERMIT SIGNED

AND RETURNED 4/16/93

Serial # 48056
Inground Well

PLANS APPROVED BY Bert Nixon

DATE 9/02/86

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

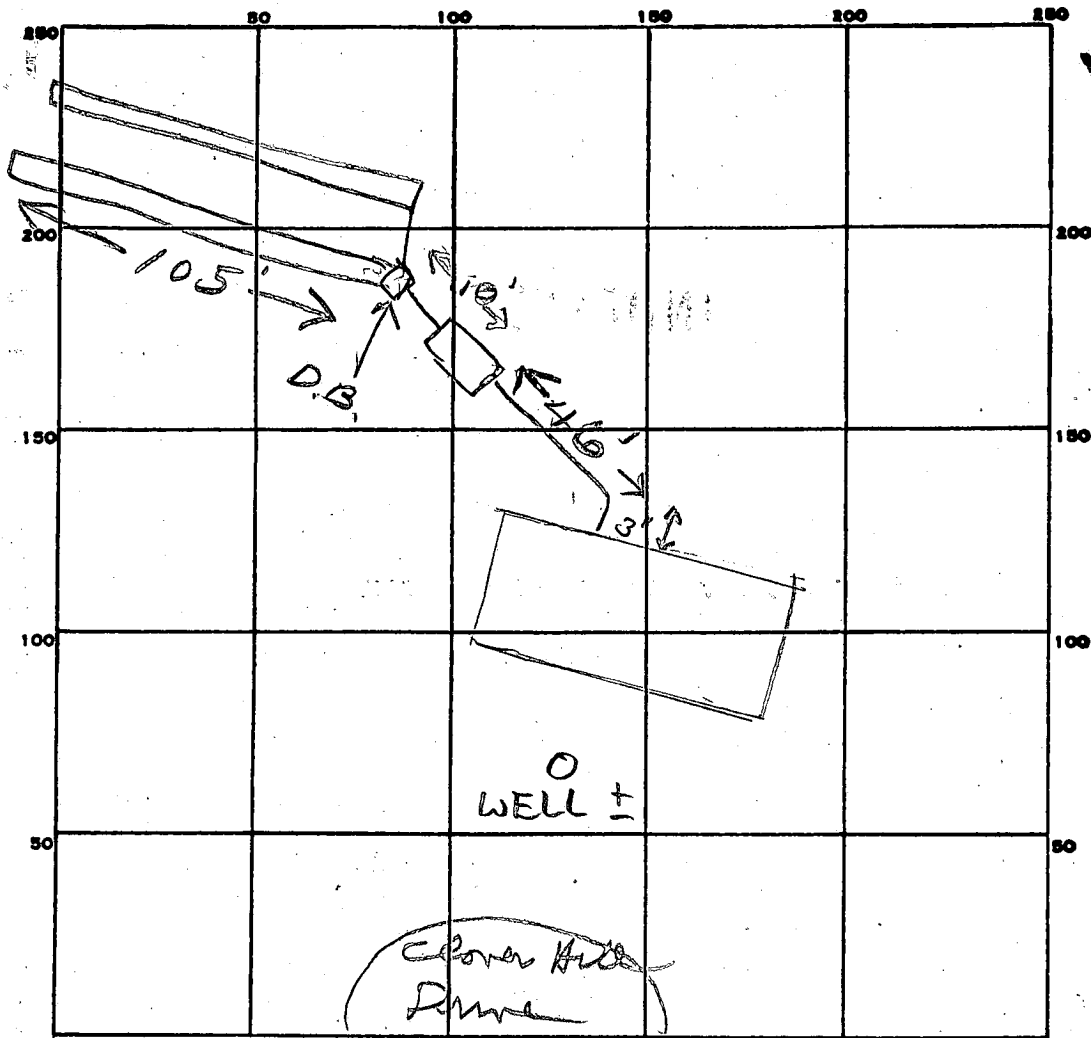
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 36279



168
5

840

PERMIT CARD

SEPTIC TANK, LEVEL 1500

CLEANOUTS 4
ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 7' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4 IN. TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 840

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 12-17-86 - OK to cover JS

DATE SYSTEM APPROVED 12-17-86

INSPECTOR Stayer

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36279

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3 RD

DATE Nov. 26, 1985

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER West Friendship Joint Venture

ADDRESS 3568 Ellicott Mills Drive PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION Clover Hill - Lots 1 thru 9 LOT NO. lot 3

ROAD AND DESCRIPTION on Maryland Route 144, 1400' ± S. of Rte 32 (at the dead end of existing S.R.C. Service Road)

SIZE OF LOT 3.00 ± AC. TYPE BLDG. 3
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

D. Rush
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

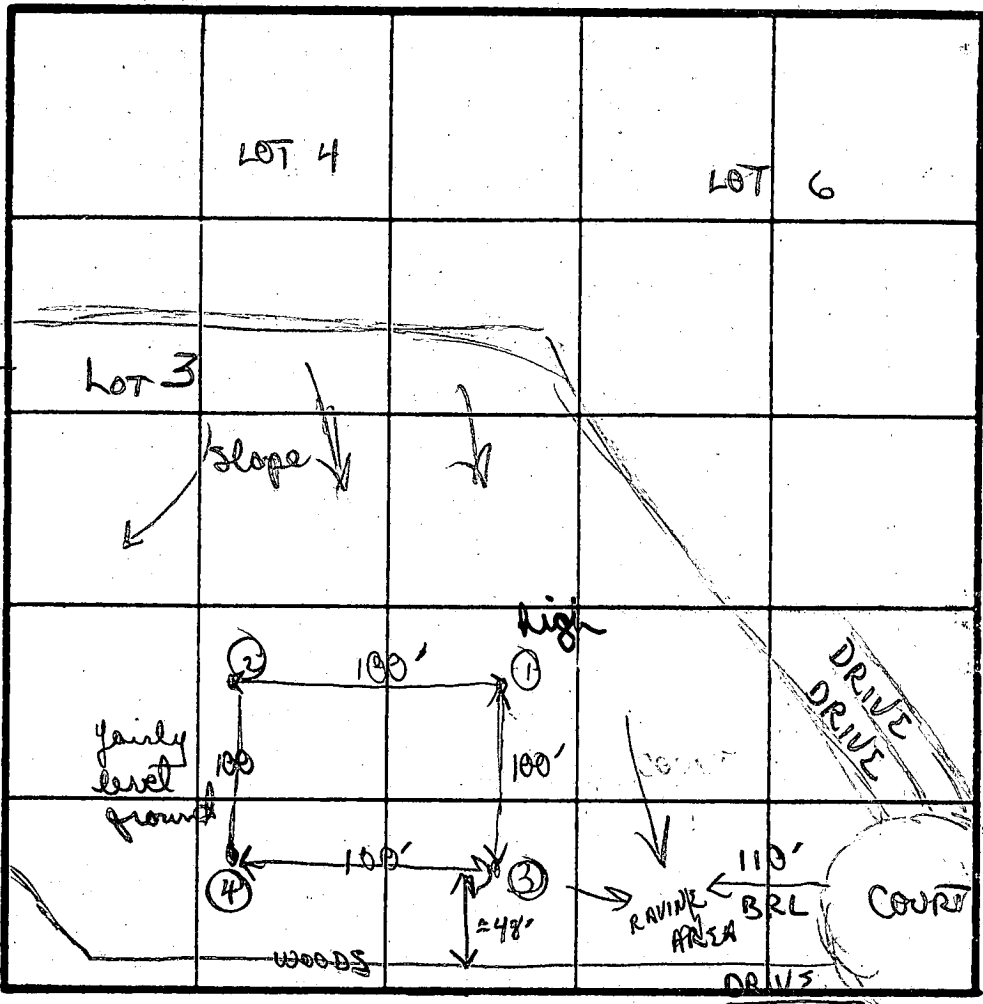
BLDG. PERMIT SIGNED
AND RETURNED 9/18/86 Sed Med
BP #72711

THIS IS NOT A PERMIT

SOIL PROFILE

uniform silty loam with medium sized rock (Saprolite) fragments (2-6") + mica mixed in. Fragment content 15-20% uniform throughout bottom

11 1/2'



3

medium silty loam/some red brown clay in top 3' micaceous rocky soil generally uniform (=15-20%) throughout most fragments < 3" in size

12' bottom

2

fine/med powdery brown silty/sand loam = 10% small frag. micaceous rock; uniform to bottom

12' bottom

4

fine to med silty/sand loam (some clay in top 3') silty/sand loam to bottom. uniform mica/frag. Saprolite (=20%) through out)

12' bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BOUNDARY OF SUBDIVISION

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/2/85	1	S 3 1/2	1123	1125	1125	1127	2 min
		M 5 1/2	1135	1136	1136	1138	2 min
		D 11 1/2 BOTTOM	UNIFORM (see profile)				
2	S 3'	1129	1130	1130	1132	2 min	
		D 12' BOTTOM	UNIFORM (see profile)				
3	S 3'	1138	1140	1140	1144	4 min	
		D 12' BOTTOM	(see profile)				
4	S 3'	1142	1144	1144	1147	3 min	
		D 12' BOTTOM	see profile				

3 MIN

WSET 3'

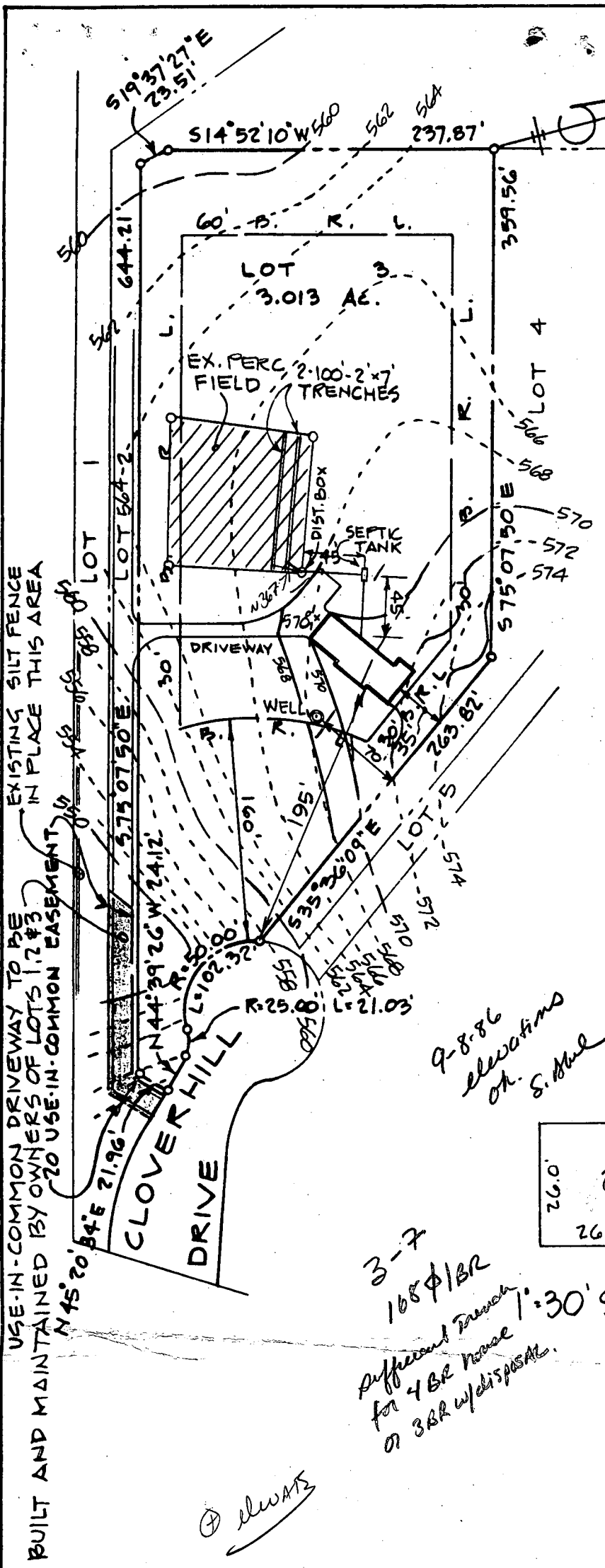
168 φ

soils in all 4 holes similar; mica content + size generally similar

REMARKS

TYPE OF SOIL Majority fine/med grain silty loam mixed with micaceous fragments

TESTED BY 12/2/85 B. Wilson ALSO PRESENT Skip



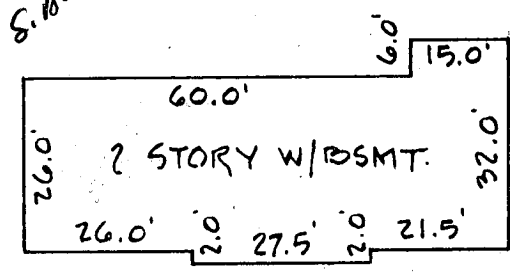
SEPTIC DATA

WELL - EX. GR.	568 ³ ✓
PROP. GR.	" ✓
HOUSE - FIN. FL.	572 ⁰ ✓
BSMT.	563 ⁰ ✓
SEWER INV.	566 ⁰ ✓
SEPTIC TANK - INV. IN	565 ¹ ✓
" " " OUT	564 ⁹ ✓
DIST. BOX INV. IN	564 ⁰ ✓
" " " OUT	" ✓
" " FIN. GR.	567 ⁵ ✓
SEPTIC TANK " "	569 ⁰ ✓
TRENCH INLET INV.	564 ⁰ ✓

NO BASEMENT ON GRAVITY

BLDG. PERMIT SIGNED AND RETURNED 9-8-86 S. Abel

BP 72711



3-7
165φ/BR
Different trench
for 4 BR house
or 3 BR w/ disposal.

1" = 30' SCALE FOR CLARITY

ENGINEER
John L. Schneider P.E.
100 N. Rolling Road
Catonsville, Md. 21228
301-744-1945

GRADING STUDY

LOT 3 " CLOVERHILL FARM "
TAX MAP 15 - TAXMAP PARCEL NO. 14 - RECORD PLAT 6867

THIRD ELECTION DISTRICT
HOWARD COUNTY - MARYLAND

SCALE: 1" = 100'

SEPT. 2, 1986



B 1 2766 SEQUENCE NO. (OEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

10-91-1030

fill in this form completely

OWNER INFORMATION

Date Received 8/20/86 10:10 AM

15 Last Name: JAMES First Name: JAMES

36 Street or RFD: 1119 ST W 9

57 Town: WEST FRIENDSHIP 70 State: MD Zip: 21159

LOCATION OF WELL

8 COUNTY: WASHINGTON 21

23 SUBDIVISION: 1119 ST W 9

SECTION: 44-46 LOT: 48-50

52 NEAREST TOWN: WEST FRIENDSHIP 71

MILES FROM TOWN (enter 0 if in town): 0.1 MI

DRILLER INFORMATION

Driller's Name: Howard J. J... 77 License No. 80: 1010

Firm Name: To County

Address: 1119 St W, West Friendship, MD 21159

Signature: Howard J. J... Date: 7/24/86

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 1244 Road NEAR WHAT ROAD

Close Mill Dr.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST EAST NORTH SOUTH

34 200 37 DISTANCE FROM ROAD

ENTER FT or MI 0.7

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: WASHINGTON COUNTY NO: 26279

OEP SIGNATURE: STATE HEALTH INSERT S

DATE ISSUED: 09 10 86 CO. SIGNATURE: A. A. J... EXP. DATE: 02 19 87

NORTH GRID: 435000 EAST GRID: 0814000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTARY DRIVE-POINT

other: _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. _____

2. _____

3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE

E 810 4

N 530 5

000 000

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

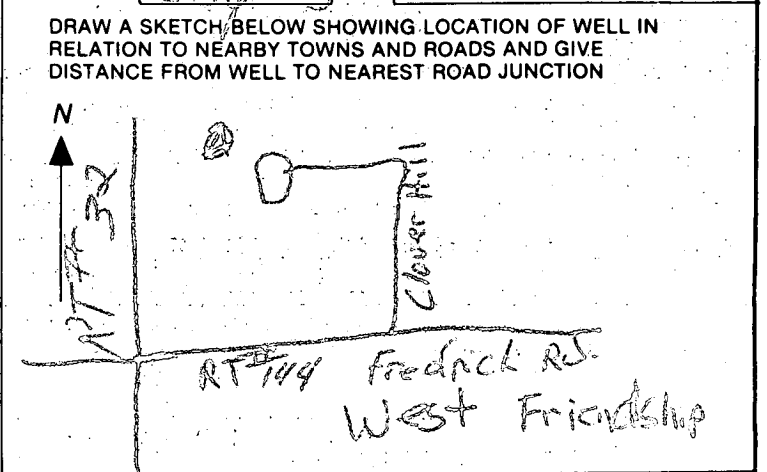
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE): _____



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER: _____ GAP _____

FORCE: _____ PERMIT No.: 10-91-1030

SPECIAL CONDITIONS

8/26/86

location looks \approx OK,
(see plan)

\approx 22 bags cement
piled by well (grout
not dried yet)

no sample taken

